

Title (en)

METHOD FOR CALIBRATING A TECHNICAL SYSTEM

Title (de)

VERFAHREN ZUR KALIBRIERUNG EINES TECHNISCHEN SYSTEMS

Title (fr)

PROCÉDÉ D'ÉTALONNAGE D'UN SYSTÈME TECHNIQUE

Publication

**EP 3458699 B1 20220330 (DE)**

Application

**EP 17723694 A 20170516**

Priority

- AT 504502016 A 20160517
- EP 2017061658 W 20170516

Abstract (en)

[origin: WO2017198638A1] In order to be able to check the compliance with a data envelope in a simple and rapid manner when calibrating a technical system, provision is made for the data envelope (D) to be modelled by a function - formula (I) with formula (II) and a predefined centre (c) of the data points (X<sub>n</sub>), or formula (III) with a radial base function (ϕ) and coefficients (c<sub>n</sub>), and for the test point (Z<sub>j</sub>) to be considered to be within the data envelope (D) if the condition in formula (IV) or formula (V) with a predefined opening angle (cp) or a predefined contour line (f) is satisfied.

IPC 8 full level

**F02D 41/24** (2006.01)

CPC (source: AT EP)

**F02D 41/1406** (2013.01 - AT); **F02D 41/2432** (2013.01 - EP); **G05B 13/024** (2013.01 - AT); **G05B 13/041** (2013.01 - AT); **G05B 13/042** (2013.01 - AT); **G06F 17/11** (2013.01 - AT); **F02D 41/2483** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2017198638 A1 20171123**; AT 518676 A1 20171215; AT 518676 B1 20180215; EP 3458699 A1 20190327; EP 3458699 B1 20220330

DOCDB simple family (application)

**EP 2017061658 W 20170516**; AT 504502016 A 20160517; EP 17723694 A 20170516